

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: William H. Fissell, IV et al.

10/660,056 Group No.: 1724 Serial No.:

Filed: 09/11/03 Examiner: F. Lawrence Entitled:

Ultrafiltration Membrane, Device, Bioartificial Organ, and Methods

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

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Enclosed please find an Information Disclosure Statement and Form PTO-1449, including copies of the references contained thereon, for filing in the U.S. Patent and Trademark Office.

A check for \$180.00 is also enclosed pursuant to 37 C.F.R. § 1.17(p) for filing this Information Disclosure Statement after three months as set forth in C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge any additional fee or credit overpayment to our Deposit Account No. 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

Dated: ____6/7/65

David A. Casimir Registration No. 42,395

MEDLEN & CARROLL, LLP 101 Howard Street, Suite 305 San Francisco, California 94105 608/218-6900



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The citations listed below, copies attached, may be material to the examination of the above-identified application, and are therefore submitted in compliance with the duty of disclosure defined in 37 C.F.R. §§ 1.56 and 1.97. The Examiner is requested to make these citations of official record in this application.

- U.S. Patent No. 6,044,981
- U.S. Patent No. 5,549,674
- U.S. Patent No. 5,686,289
- U.S. Patent No. 6,060,270
- U.S. Patent No. 6,150,164
- U.S. Patent No. 6,410,320
- U.S. Patent No. 6,405,066
- U.S. Patent No. 6,017,390
- U.S. Patent No. 5,776,748
- U.S. Patent No. 5,843,741

- U.S. Patent No. 5,976,826
- U.S. Patent No. 6,569,654
- U.S. Patent No. 5,770,193
- U.S. Patent No. 5,759,830
- U.S. Patent No. 5,736,372
- U.S. Patent No. 5,770,417
- U.S. Patent No. 6.107,102
- U.S. Patent No. 6,015,599
- U.S. Patent No. 5,985,328
- U.S. Patent No. 5,985,164
- U.S. Patent No. 5,948,255
- U.S. Patent No. 5,938,923
- U.S. Patent No. 5,893,974
- U.S. Patent No. 5,798,042
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- U.S. Patent No. 6,368,838
- U.S. Patent No. 6,180,239
- U.S. Patent No. 6,042,784
- U.S. Patent No. 6,150,164
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- Desai et al Adv. Drug Delivery Rev. 56:1661-1673, 2004
- Conlisk et al in Electrophoresis 24:3006-3017 (2003)
- Conlisk et al in Anal. Chem 74:2139-2150 (2002)
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This Information Disclosure Statement under 37 C.F.R. §§ 1.56 and 1.97 is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any one or more of these citations constitutes prior art.

Dated: 6/7/05

David A. Casimir Registration No. 42,395 MEDLEN & CARROLL, LLP 101 Howard Street, Suite 305

San Francisco, California 94105 608/218-6900

PTO/SB/08A (08-03)

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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known Application Number 10/660,056 Filing Date 09/11/2003 First Named Inventor Fissell et al. Art Unit 1724 **Examiner Name** F. Lawrence UM-08332 Attorney Docket Number

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	^{US-} 6,044,981	04/04/2000	Chu et al.	Whole document
· · · · · ·	2	^{US-} 5,549,674	08/27/1996	Humes et al.	Whole document
	3	US- 5,686,289	11/11/1997	Humes et al.	Whole document
	4	^{US-} 6,060,270	05/09/2000	Humes	Whole document
	5	^{US-} 6,150,164	11/21/2000	Humes	Whole document
	6	^{US-} 6,410,320	06/25/2002	Humes	Whole document
	7	^{US-} 6,405,066	06/11/2002	Essenpreis et al.	Whole document
	8	^{US-} 6,017,390	01/25/2000	Charych et al.	Whole document
	9	^{US-} 5,776,748	07/07/1998	Singhvi et al.	Whole document
	10	^{US-} 5,843,741	12/01/1998	Wong et al.	Whole document
	11	^{US-} 5,976,826	11/02/1999	Singhvi et al.	Whole document
•	12	^{US-} 6,569,654	05/27/2003	Shastri et al.	Whole document
	13	^{US-} 5,770,193	06/23/1998	Vacanti et al.	Whole document
	14	^{US-} 5,759,830	06/02/1998	Vacanti et al.	Whole document
	15	us- 5,736,372	04/17/1998	Vacanti et al.	Whole document
	16	US- 5,770,417	06/23/1998	Vacanti et al.	Whole document
	17	^{US-} 6.107,102	08/22/2000	Ferrari	Whole document
	18	^{US-} 6,015,599	01/18/2000	Keller et al.	Whole document
	19	^{US-} 5,985,328	11/16/1999	Chu et al.	Whole document

		FORE	IGN PATENT DOCU	MENTS		
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Examiner Date	
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Substitute for form 1449/PTO	Col	mpiete if Known
	Application Number	10/660,056
INFORMATION DISCLOSURE	Filing Date	09/11/03
INFORMATION DISCLOSURE	First Named Inventor	Fissell et al.
STATEMENT BY APPLICANT	Art Unit	1724
(Use as many sheets as necessary)	Examiner Name	F. Lawrence
Sheet 2 of 6	Attorney Docket Number	UM-08332

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	20	^{US-} 5,985,164	11/16/1999	Chu et al.	Whole document
	21	^{US-} 5,948,255	09/07/1999	Keller et al.	Whole document
	22	US- 5,938,923	08/17/1999	Tu et al.	Whole document
	23	^{US-} 5,893,974	04/13/1999	Keller et al.	Whole document
	24	^{US-} 5,798,042	80/25/1998	Chu et al.	Whole document
	25	^{US-} 5,770,076	06/23/1998	Chu et al.	Whole document
	26	^{US-} 5,651,900	07/29/1997	Keller et al.	Whole document
	27	^{US-} 6,368,877	04/09/2002	Zhang et al.	Whole document
	28	^{US-} 6,368,838	04/09/2002	Singhvi et al.	Whole document
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	30	^{US-} 6,042,784	03/28/2000	Wamsiedler et al.	Whole document
	31	^{US-} 6,150,164	11/21/2000	Humes	Whole document
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	(11	-4		Art Unit	1724
	(Use as many she	ets as n	ecessary)	Examiner Name	F. Lawrence
Sheet	3	of	6	Attorney Docket Number	UM-08332

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	32	Park, B et al. (2002) Med Device Technol 13(2): 32-34	
	33	Voldman, J et al. (1999) Annu Rev Biomed Eng 1: 401-425	
•	34	Wagner, B (1995) Endosc Surg Allied Technol 3(4): 204-209;	
	35	Petersen, KE (1982) Proceedings of the IEEE 70:420-457	
	36	Mrksich et al. (1996) PNAS 93:10775-10778	
	37	Whitesides et al. z91997) Exp Cell Research: 305-313	
	38	Mrksich, Chem. Soc. Rev., 29:267 (2000)	
	39	Desai, Med. Eng. Phys. 22:595, 2000	
	40	Deutsch et al., J. Biomed. Mater. Res., 53:267, 2000	
	41	Kapur et al., J. Biomed. Mater. Res., 33:205, 1996	

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	42	Brunette and Chehroudi, 121:49, 1999	
	43	Brunette, Exp. Cell Res., 167:203, 1986	
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	45	den Braber et al., J. Biomed. Mater. Res., 29:511, 1995	
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	47	Curtis and Wilkinson, Biomaterials 18:1573, 1998	
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